

DAMPER ACTUATOR EQUIVALENTS

With spring return

MODELS

| Article | Description | Replaces |
|--------------|--|--|
| RDAS4S-230 | 4 Nm, on/off, 230 V, spring return | LF230 (4 Nm), RDAB5S-230 (4 Nm) |
| RDAS4S-230S | 4 Nm, on/off, 230 V, spring return, aux. switch | LF230-S (4 Nm), RDAB5S-230S (4 Nm) |
| RDAS4S-24 | 4 Nm, on/off, 24 V, spring return | LF24 (4 Nm), RDAB5S-24 (4 Nm) |
| RDAS4S-24S | 4 Nm, on/off, 230 V, spring return, aux. switch | LF24-S (4 Nm), RDAB5S-24S (4 Nm) |
| RDAS4S-24A | 4 Nm, 0...10 V, 24 V, spring return | LF24-SR (4 Nm), RDAB5S-24A (4 Nm) |
| RDAS7S-230 | 7 Nm, on/off, 230 V, spring return | NF230A (10 Nm), NFA (10 Nm, 230V setup) |
| RDAS7S-230S | 7 Nm, on/off, 230 V, spring return, aux. switch | NF230A-S2 (10 Nm), NFA-S (10 Nm, 230V setup), RDAB10S-S (10 Nm, 230V setup) |
| RDAS7S-24 | 7 Nm, on/off, 24 V, spring return | NF24A (10 Nm), NFA (10 Nm, 24V setup) |
| RDAS7S-24S | 7 Nm, on/off, 24 V, spring return, aux. switch | NF24A-S2 (10 Nm), NFA-S (10 Nm, 24V setup), RDAB10S-S (10 Nm, 24V setup) |
| RDAS7S-24A | 7 Nm, 0-10 V, 24 V, spring return | NF24A-SR (10 Nm), RDAB10S-24A (10 Nm) |
| RDAS18S-230 | 18 Nm, on/off, 230 V, spring return | NF230A (10 Nm), SF230A (20 Nm), NFA (10 Nm, 230V setup), SFA (20 Nm, 230V setup), RDAB20S (20 Nm, 230V setup) |
| RDAS18S-230S | 18 Nm, on/off, 230 V, spring return, aux. switch | NF230A-S2 (10 Nm), SF230A-S2 (20 Nm), NFA-S (10 Nm, 230V setup), RDAB10S-S (10 Nm, 230V setup), SFA-S (20 Nm, 230V setup), RDAB20S-S (20 Nm, 230V setup) |
| RDAS18S-24 | 18 Nm, on/off, 24 V, spring return | NF24A (10 Nm), SF24A (20 Nm), NFA (10 Nm, 24V setup), SFA (20 Nm, 24V setup), RDAB20S (20 Nm, 24V setup) |
| RDAS18S-24S | 18 Nm, on/off, 24 V, spring return, aux. switch | NF24A-S2 (10 Nm), SF24A-S2 (20 Nm), NFA-S (10 Nm, 24V setup), RDAB10S-S (10 Nm, 24V setup), SFA-S (20 Nm, 24V setup), RDAB20S-S (20 Nm, 24V setup) |
| RDAS18S-24A | 18 Nm, 0-10 V, 24 V, spring return | NF24A-SR (10 Nm), SF24A-SR (20 Nm), RDAB10S-24A (10 Nm), RDAB20S-24A (20 Nm) |

Without spring return

MODELS

| Article | Description | Replaces |
|-------------|--|---------------------------------------|
| RDAS5-230 | 5 Nm, on/off or 3-point, 230 V | LM230A (5 Nm), RDAB5-230 (5 Nm) |
| RDAS5-230S | 5 Nm, on/off or 3-point, 230 V, aux. switch | LM230A-S (5 Nm), RDAB5-230S (5 Nm) |
| RDAS5-24 | 5 Nm, on/off or 3-point, 24 V | LM24A (5 Nm), RDAB5-24 (5 Nm) |
| RDAS5-24S | 5 Nm, on/off or 3-point, 24 V, aux. switch | LM24A-S (5 Nm), RDAB5-24S (5 Nm) |
| RDAS5-24A | 5 Nm, 0...10 V, 24 V | LM24A-SR (5 Nm), RDAB5-24A (5 Nm) |
| RDAS10-230 | 10 Nm, on/off or 3-point, 230 V | NM230A (10 Nm), RDAB10-230 (10 Nm) |
| RDAS10-230S | 10 Nm, on/off or 3-point, 230 V, aux. switch | NM230A-S (10 Nm), RDAB10-230S (10 Nm) |
| RDAS10-24 | 10 Nm, on/off or 3-point, 24 V | NM24A (10 Nm), RDAB10-24 (10 Nm) |
| RDAS10-24S | 10 Nm, on/off or 3-point, 24 V, aux. switch | NM24A-S (10 Nm), RDAB10-24S (10 Nm) |
| RDAS10-24A | 10 Nm, 0-10 V, 24 V | NM24A-SR (10 Nm), RDAB10-24A (10 Nm) |
| RDAS20-230 | 20 Nm, on/off or 3-point, 230 V | SM230A (20 Nm), RDAB20-230 (20 Nm) |
| RDAS20-230S | 20 Nm, on/off or 3-point, 230 V, aux. switch | SM230A-S (20 Nm), RDAB20-230S (20 Nm) |
| RDAS20-24 | 20 Nm, on/off or 3-point, 24 V | SM24A (20 Nm), RDAB20-24 (20 Nm) |
| RDAS20-24S | 20 Nm, on/off or 3-point, 24 V, aux. switch | SM24A-S (20 Nm), RDAB20-24S (20 Nm) |
| RDAS20-24A | 20 Nm, 0-10 V, 24 V | SM24A-SR (20 Nm), RDAB20-24A (20 Nm) |
| RDAS20-24AS | 20 Nm, 0-10 V, 24 V, aux. switch | SM24A-SR-S2 (20 Nm) |
| RDAS35-230 | 35 Nm, 3-point, 230 V | GM230A (40 Nm), RDAB40-230 (40 Nm) |
| RDAS35-24 | 35 Nm, 3-point, 24 V | GM24A (40 Nm), RDAB40-24 (40 Nm) |
| RDAS35-24A | 35 Nm, 0-10 V, 24 V | GM24A-SR (40 Nm), RDAB40-24A (40 Nm) |

DAMPER ACTUATORS WITH SPRING RETURN



RDAS4S

4 Nm

Damper actuator with spring return, 4 Nm. For 2-point (on/off) or 0...10V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...15 mm |
| Damper shaft, square | 6...11 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 0.6 m ² |
| Torque | 4 Nm |
| Protection class | IP54 |
| Running time, actuator | 60 s |
| Closing time, spring | 15 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|-------------|---|------------------|-----------------|------|
| RDAS4S-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 2-point, On/Off | |
| RDAS4S-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 2-point, On/Off | |
| RDAS4S-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 2-point, On/Off | |
| RDAS4S-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 2-point, On/Off | |
| RDAS4S-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |



RDAS7S

7 Nm

Damper actuator with spring return, 7 Nm. For 2-point (on/off) or 0...10V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 6.4...20.5 mm |
| Damper shaft, square | 6.4...13 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 1.5 m ² |
| Torque | 7 Nm |
| Protection class | IP54 |
| Running time, actuator | 90 s |
| Closing time, spring | 15 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|-------------|---|------------------|-----------------|------|
| RDAS7S-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 2-point, on/off | |
| RDAS7S-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 2-point, On/Off | |
| RDAS7S-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 2-point, On/Off | |
| RDAS7S-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 2-point, On/Off | |
| RDAS7S-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |



RDAS18

18 Nm

Damper actuator with spring return, 18 Nm. For 2-point (on/off) or 0...10V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...25.6 mm |
| Damper shaft, square | 6...18 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 3.0 m ² |
| Torque | 18 Nm |
| Protection class | IP54 |
| Running time, actuator | 90 s |
| Closing time, spring | 15 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|--------------|---|------------------|-----------------|------|
| RDAS18S-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 2-point, On/Off | |
| RDAS18S-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 2-point, On/Off | |
| RDAS18S-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 2-point, On/Off | |
| RDAS18S-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 2-point, On/Off | |
| RDAS18S-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |

DAMPER ACTUATORS WITHOUT SPRING RETURN



RDAS5

5Nm

Damper actuator without spring return, 5 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...16, 8...10 mm |
| Damper shaft, square | 6...12.8 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 0.8 m ² |
| Torque | 5 Nm |
| Protection class | IP54 |
| Running time, actuator | 150 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|------------|---|------------------|----------------------------|------|
| RDAS5-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 3-point or 2-point, On/Off | |
| RDAS5-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 3-point or 2-point, On/Off | |
| RDAS5-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 3-point or 2-point, On/Off | |
| RDAS5-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 3-point or 2-point, On/Off | |
| RDAS5-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |



RDAS10

10 Nm

Damper actuator without spring return, 10 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...16 mm, 8...10 mm |
| Damper shaft, square | 6...12.8 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 1.6 m ² |
| Torque | 10 Nm |
| Protection class | IP54 |
| Running time, actuator | 150 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|-------------|---|------------------|----------------------------|------|
| RDAS10-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 3-point or 2-point, On/Off | |
| RDAS10-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 3-point or 2-point, On/Off | |
| RDAS10-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 3-point or 2-point, On/Off | |
| RDAS10-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 3-point or 2-point, On/Off | |
| RDAS10-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |



RDAS20

20 Nm

Damper actuator without spring return, 20 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...20.5 mm |
| Damper shaft, square | 8...14.5 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 4.0 m ² |
| Torque | 20 Nm |
| Protection class | IP54 |
| Running time, actuator | 150 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|-------------|---|------------------|----------------------------|------|
| RDAS20-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 3-point or 2-point, On/Off | |
| RDAS20-230S | 230 V ~ (100...240 V ~ 50/60 Hz) | Yes | 3-point or 2-point, On/Off | |
| RDAS20-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 3-point or 2-point, On/Off | |
| RDAS20-24S | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 3-point or 2-point, On/Off | |
| RDAS20-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | - | 0...10 V | |
| RDAS20-24AS | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC) | Yes | 0...10 V | |



RDAS35

35 Nm

Damper actuator without spring return, 35 Nm. For 3-point or 0...10 V control signal.

| Technical data | |
|---------------------------------|-----------------------------|
| Mounting | Interior, weather protected |
| Damper shaft, round | 8...25.6 mm |
| Damper shaft, square | 6...18 mm |
| Damper shaft, min. shaft length | 20 mm |
| Damper shaft, shaft hardness | <300 HV |
| Max. damper size | 6.0 m ² |
| Torque | 35 Nm |
| Protection class | IP54 |
| Running time, actuator | 125 s |

| Article | Supply voltage | Auxiliary switch | Control signal | Note |
|------------|--|------------------|----------------|------|
| RDAS35-230 | 230 V ~ (100...240 V ~ 50/60 Hz) | - | 3-point | |
| RDAS35-24 | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 DC) | - | 3-point | |
| RDAS35-24A | 24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 DC) | - | 0...10 V | |

DAMPER ACTUATOR ACCESSORIES

| Article | Description | Note |
|----------|--|------|
| ASK71.9 | Damper crank arm for RDAS with torque 5-35Nm | |
| ASK71.6 | Rotary/linear set with lever and plate for RDAS5 and RDAS10 | |
| ASK78.6 | Centering insert for RDAS5 and RDAS10, 8x8mm square profile | |
| ASK78.7 | Centering insert for RDAS5 and RDAS10, 10x10mm square profile | |
| ASK74.7 | Shaft extension for RDAS with torque 7-35Nm | |
| ASK71.14 | Rotary/linear set with lever and plate for RDAS20 | |
| ASC77.1E | External aux. switch (1) for RDAS with torque 7Nm, 18Nm, 20Nm and 35Nm | |
| ASC77.2E | External aux. switch (2) for RDAS with torque 7Nm, 18Nm, 20Nm and 35Nm | |
| DPTW | Positioner 0...100 % for modulating actuators (0...10 V), wall mounting | |
| DPTF | Positioner 0...100 % for modulating actuators (0...10 V), panel mounting | |



ASK71.9



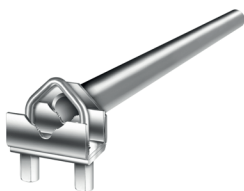
ASK71.6



ASK78.6



ASK78.7



ASK74.7



ASK71.14



ASC77.1E



ASC77.2E



DPTW



DPTF